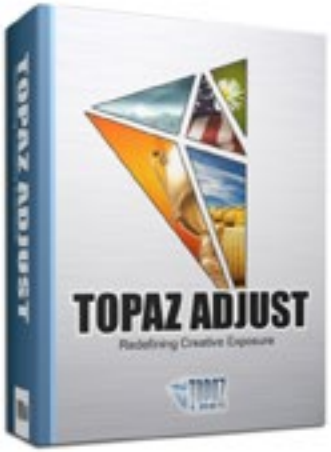
Topaz Adjust

User Manual



Enhance your images by infusing them with dynamic definition & vibrancy, using powerful & verstaile exposure, color and detail tools.

TOPAZ LABS

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Installation

Topaz Adjust is a Photoshop plug-in, which means it won't run by itself and requires a compatible host program.

To Install

1. Close Photoshop or other image editing program if you are using it.

2. Open the Topaz Adjust file, double-click on the Topaz Adjust installer, and then follow the on-screen instructions.

Mac Dmg

Windows exe

3. Your Topaz Adjust plug-in will automatically be installed in your Photoshop plug-ins folder.

4. After the installation, you will need to enter your license or trial key.

Important for Mac Users:

After installation, Topaz Adjust will be installed in the following folder: " Macintosh HD -> Library -> Application Support -> Topaz Labs -> Adjust 5".

Please see our knowledge base at topazlabs.com/support should you need any additional installation assistance

Entering Your Key

Entering your trial key allows you to save your projects and print them during your evaluation period. Entering your purchased license key allows you do the same, except without any time limitations.

1. Start by opening up an image in Photoshop.

2. Go to Filters -> Topaz Labs and select Adjust 5.

3. Once Adjust opens go to Menu -> Enter key.

4. You can then copy and paste or type your key in.

Important: To install the product on a second computer, you will need to download Topaz Adjust and then enter your same license key.

Host-Specific Installation

Topaz Adjust is also compatible with Lightroom, Aperture, iPhoto and photoFXlab vv. To use Adjust in any of these programs you will need to download Topaz Fusion Express, our free external editor.

In Windows, Topaz Adjust is supported by most host applications that support Photoshop plug-ins. This includes Paint Shop Pro, Photo Impact and Irfanview.

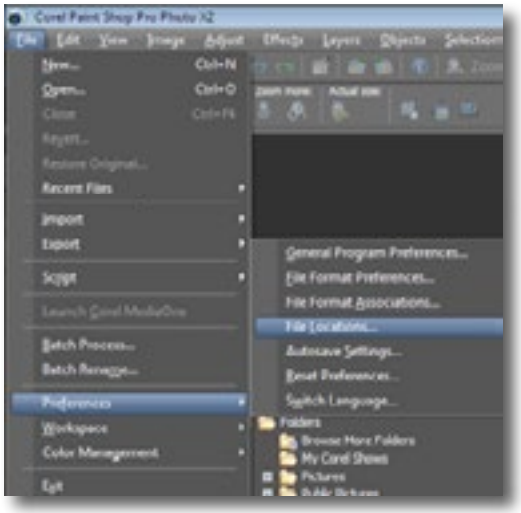
To install Adjust in Paint Shop Pro, Photo Impact, or Irfanview first download Topaz Adjust to the default location. Then, to configure it into each program, follow the host-specific instructions on the next page.

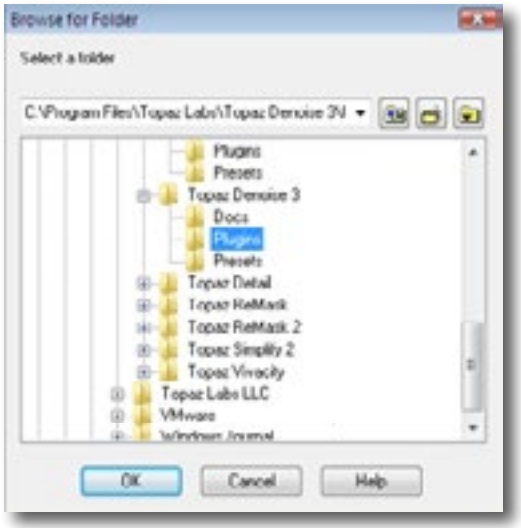
Installation

How to install Topaz Adjust in Paintshop Pro

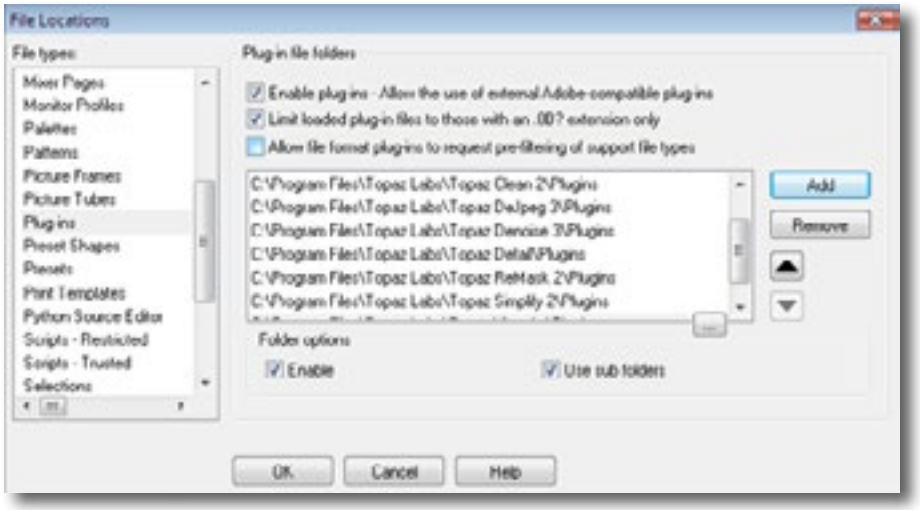
1. Open PaintShop Pro.

2. Go to Menu file -> Preferences -> File Locations. Select “Plug-ins” from the “File Types” list and click “Add”.

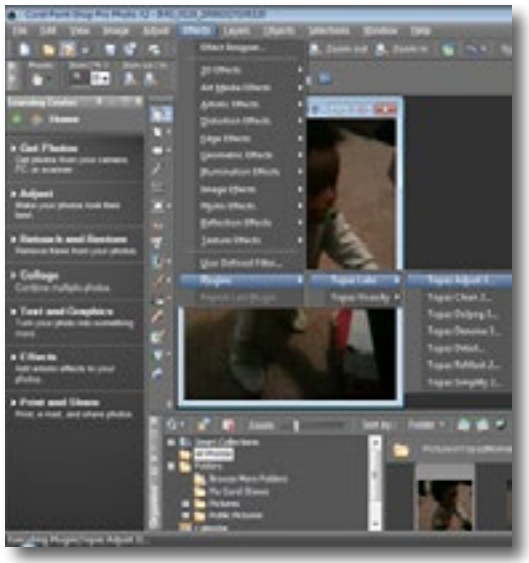




3. Choose C:\Program Files\Topaz Labs\Topaz Adjust 5 plug-ins and click “OK”.



4. Topaz Adjust 5 is now available to use. Simply go to Effects -> Plug-ins and select “Topaz Adjust 5”.

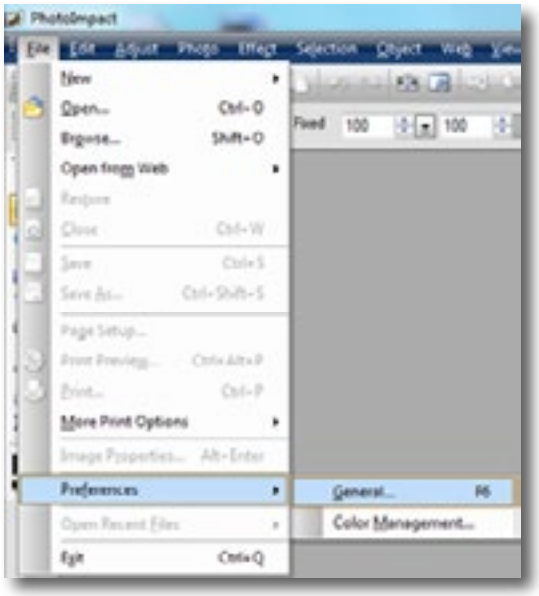


Installation

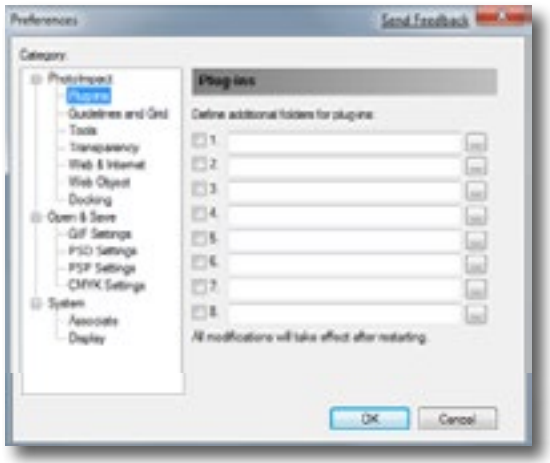
How to install Topaz Adjust in Photo Impact

1. Open Photo Impact.

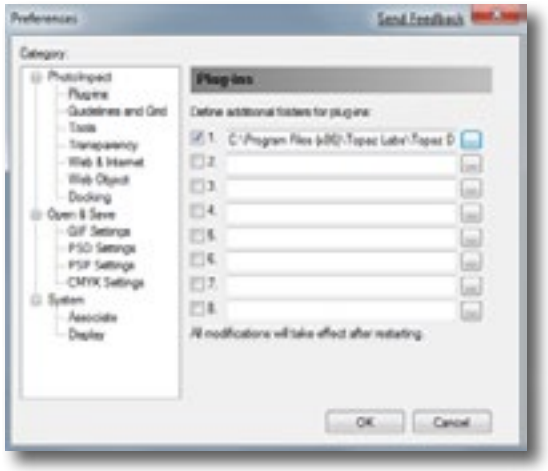
2. Go to File -> Preferences -> General or use shortcut key F6.



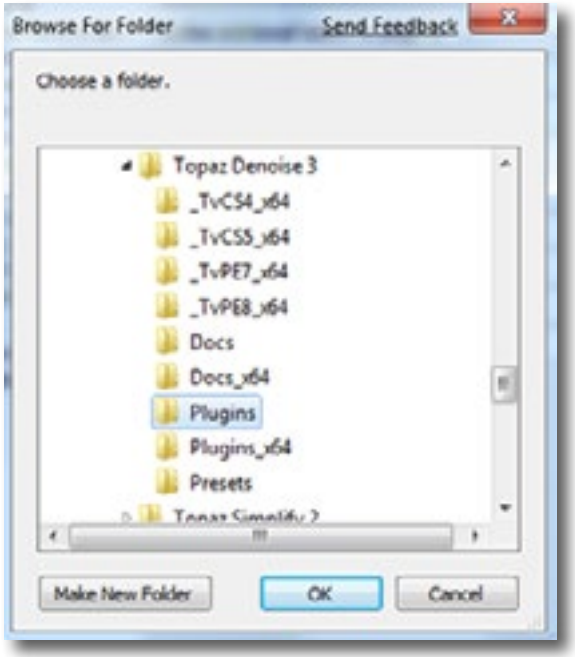
3. Select Plug-ins from the Categories list.



Then click on the ... button and browse to find the Adjust 5 plug-in folder located in: C:\Program Files\Topaz Labs\Topaz Adjust 5 plug-ins and then click "OK".



4. Restart Photo Impact. Go to Menu -> Effect to access plug-in.

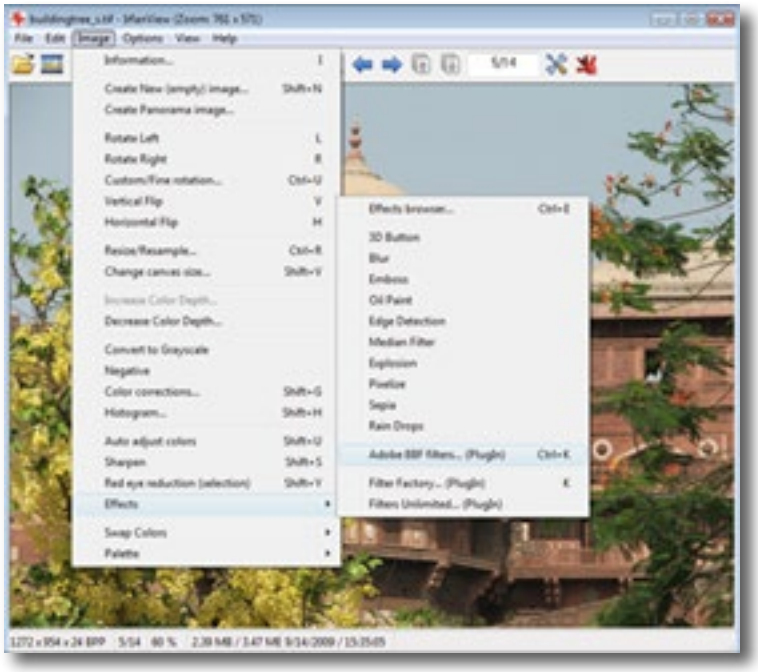


Installation

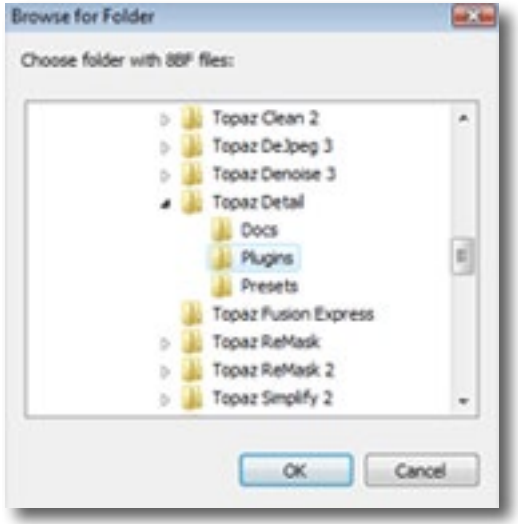
How to install Topaz Adjust in Irfanview

1. Make sure that you have downloaded and installed the 8bf plug-in add-on, available on the Irfanview webpage. (http://www.software.com/irfanview-plugin)

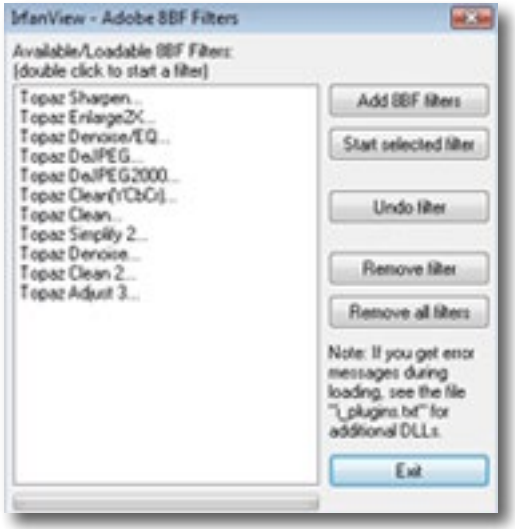
2. Open Irfanview and go to Image -> Effects -> Adobe 8BF filters.



3. In the screen that pops up, select "Add 8BF filters" and navigate to the C:\Program Files\Topaz Labs\Topaz Adjust 5 \Plug-ins folder and click "OK". You will then see "Topaz Adjust 5" in the Available/Loadable 8BF Filters section.



4. To use Topaz Adjust 5 in the future, simply go to Image -> Effects> Adobe 8BF filters again and select "Topaz Adjust 5".



Uninstalling

To uninstall Topaz Adjust follow these instructions:

Mac
1. Quit Photoshop (or other editing program).

2. Navigate to the Topaz Labs support files and frames located at: Macintosh HD -> Library -> Application Support -> Topaz Labs.

3. Locate the Topaz Adjust file and move it to the trash. You will need to enter your system password to OK this change.

4. Navigate to your Photoshop plug-ins folder located at: Applications -> Photoshop -> Plug-ins

5. Locate any leftover Topaz Adjust files and move it to the trash.

Windows XP*
1. Quit Photoshop (or other editing program).

2. Click on the Start Menu and select Control Panel.

3. Double-click on Add / Remove programs.

4. Select Topaz Adjust and click remove.

Windows Vista*
1. Quit Photoshop (or other editing program).

2. Click on the Start Menu and select Control Panel.

3. Select Programs, then Uninstall a Program.

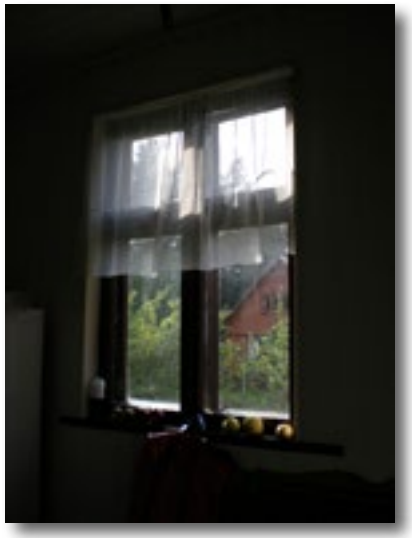
4. Select Topaz Adjust and click remove.

Windows 7*
1. Quit Photoshop (or other editing program).

2. Click on the Start Menu and select Control Panel -> Programs -> Programs and Features.

3. Select Topaz Adjust and click uninstall.

*Please note that if you also have the 64-bit version of Adjust installed, then you will need to first uninstall this version before you can uninstall the regular version.



Before Topaz Adjust

After Topaz Adjust

Topaz Adjust

About Topaz Adjust

Topaz Adjust is a corrective and creative enhancement program designed to help you achieve a variety of advanced color, exposure, tone and detail techniques quickly and easily. **Some of the popular looks you can achieve include: HDR, painting-like, stylistic, detailed, cartoon-like and the grungy-HDR look, as made popular by Dave Hill.**

Before Adjust -By Topaz user: Thane Vanderaegen

After Adjust - By Topaz user: Thane Vanderaegen

With Topaz Adjust, you can achieve a variety of effects and adjustments such as:

- Tone mapping
- Exposure correction
- Contrast adjustment
- Pseudo HDR
- Vibrancy adjustment
- Shadow adjustment
- Highlight adjustment
- Extreme color
- Desaturated color
- Hard light
- Soft light
- Simplified details
- Extreme details

The Primary Functions of Topaz Adjust Include:

1. Dynamically and creatively make your images pop.

2. Rescue the integrity of dull images by introducing vibrant color and detail effects.

3. Intelligent detail enhancement / reduction with innovative detail manipulation functions.

4. Basic noise reduction.

5. Equalize image exposure to result in everything from balanced and well-exposed images to edgy and exciting image effects.

6. Unique color effects via advanced color processing.

Visit the Adjust Gallery to see Topaz Adjust at work:
gallery.topazlabs.com/Photography/Topaz-Adjust-5/

Adjust Features

Topaz Adjust 5 Features

1. **Apply Button.** Stack multiple effects and presets during the same workflow.

2. **Local Adjustments**. Intuitive selective adjustment brush for burning, dodging, smoothing, and brushing out (erasing) added adjustments - plus edge-aware options.

3. **Presets Collections.** Presets are organized into 7 unique collections.

4. **My Collection.** Users can now save their presets under My Collection.

5. **Histogram.** Shows the tonal range of your image.

6. Curve Tool. Easily adjust image tonality to help emphasize tones, contrast and brightness within your image.

7. **Finishing Touches Tab**. Features options for diffusion, grain, borders, vignettes, tone adjustments and overall transparency adjustment.

8. **Advanced Grain Engine.** For the most authentic film grain look.

9. **Effect enable/disable.** Clickable preview options that allow you to hide or view a set of adjustments for easy comparison.

10. **Stage-based layout.** For a simple and streamlined workflow. All of the tools are broken down into steps to help ease you through the editing process.

11. **Split Screen.** Use the 2-screen split view for easy before and after comparison.

12 **Preset Enable / Disable option**. Option to enable or disable the preset preview processing at program startup.

13. **Localized reset all buttons**. Reset only the parameters in a specific tab.

Before Adjust - By Topaz user: Sherry L. Stinson

After Adjust - By Topaz user: Sherry L. Stinson

NEW: Interface Design

The user interface for Topaz Adjust has been re-designed to provide a polished and more contemporary work area.

Adjust also now contains grid-view mode, a feature that lets you compare and contrast multiple presets at a time in a grid like view, making easier to choose between multiple effects.

Photo © Scott Stulberg

Adjust's User Interface

Topaz Adjust's interface is quite simple and easy to use. You'll soon be a pro after experimenting with it for a bit. In order to make sense of the function of each of the various controls, we have divided the interface into a few sections:

1. Presets/Effects Preview

Displays previews of presets & photography effects.

2. Presets Panel

Provides "snapshots" of pre-defined effects and a grid-view option.

3. Preview Window

Displays the preview of the original and adjusted image.

4. Preview Navigator

Displays the region of the preview image you are currently focused on. Also displays histogram.

5. Settings & Parameters

Sliders to adjust and fine tune the various effects.

Interface (Tool Panel View)

With Adjust's new interface you can expand and collpase the preset panel to the left, as well as the settings & parameters on the right. To collapse the panels, simply drag them in (or click on the arrows to expand & collapse). To expand the panels, click on the arrows at the top of the interface.

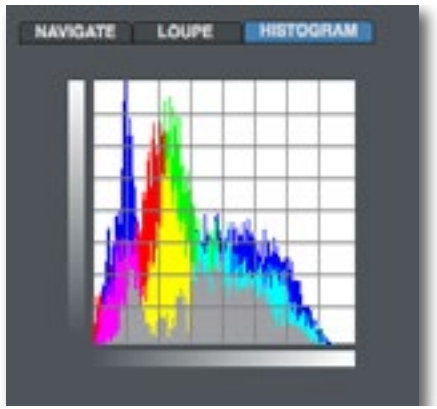
Work Area

1. Navigate

Allows you to navigate around your image while zoomed in.

2. Loupe

Acts like a digital magnifying glass. Used to review & analyze parts of the image up close.



3. Histogram

Displays the preview of the original and adjusted image.

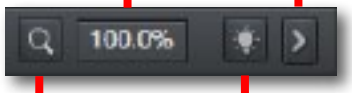
Expand/collapse effects panel

View the image in single view mode or view the before & after image side by side.

Switch between the original & processed image (or use the spacebar to toggle between before & after).

Different zoom options. Use the -,+ keys to zoom in or out.

Expand/collapse the settings & parameters panel.



Zoom back to 100%.

Switch the color of your work area. Options include white, black and various shades of gray.

"I Feel Lucky" button. Randomizes sliders to create a new effect.

Resets your image to a clean slate. If you applied a preset, it will reset to those settings rather than original image.

Undo/redo (shortcut key: ctrl/cmd + Z).

Applies the effect so that you may apply multiple presets on top of one another.

Presets

Presets are a great way to speed up and simplify the whole process of using Topaz Adjust. Presets are photographic effects with previously defined settings that you can recall and reapply at any time.

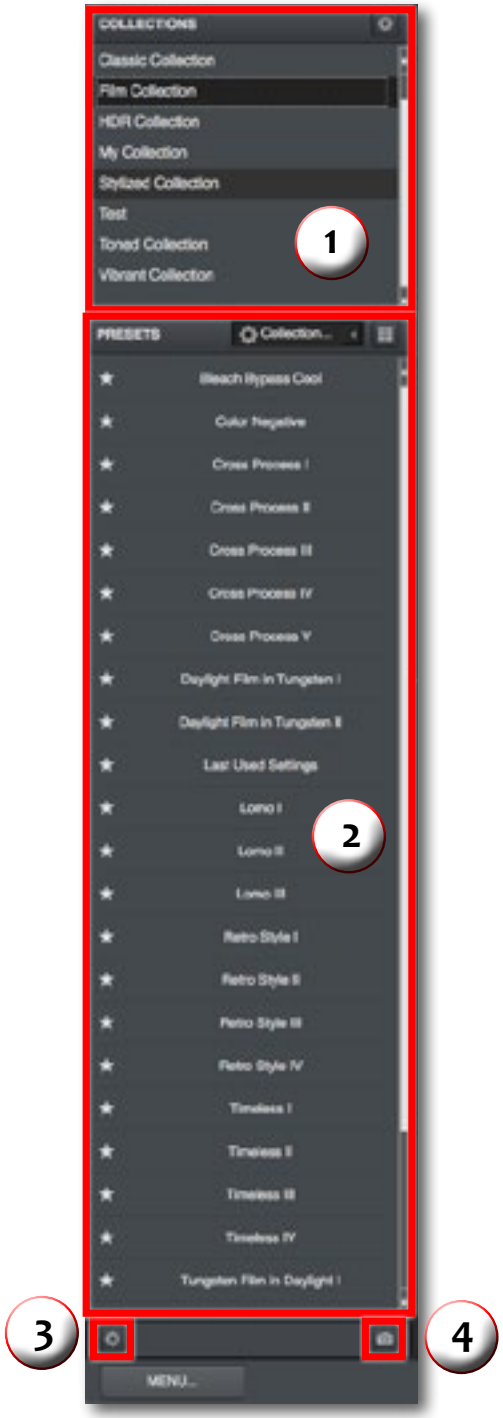
We've included some default presets for you and, although they may not be for every photograph, they serve as excellent starting points for customized tweaking.

Applying Presets
Simply click on a preset and you'll see your image change. To apply multiple presets on top of one other, press the Apply button in the bottom right corner.

To get the exact results you want, you may still want to go through the tabs and tweak the parameters on the right side of the screen.

Adding Presets
To save a preset into your own collection, simply click on the icon as shown in #3 and then click "Save" which will save your settings into a custom preset for later use.

Photoshop and other host software support many Image Modes, such as Grayscale, RGB, LAB, CMYK, etc. Images can also be 8, 16, or 32 bits per channel. Topaz Adjust supports both 8 bits per channel and 16 bits per channel. Topaz Adjust supports RGB mode only. To work on black-and-white images, first convert them to RGB mode.



Work Area

1. Collections

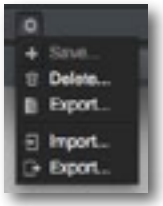
Lists all of the collections which contains over 150 presets.

2. Presets List

Lists all of the presets in each collection. There is also an option to view the presets in a grid view mode. To "favorite" a preset, click on the star icon. This will save the preset to your Favorites folder.

3. Save, Import & Export Presets

Allows you to import, export or save presets.



4. Snapshots

Allows you to take a "snapshot" of a preset. Will be saved in the snapshots collection in the presets list. Snapshots are not saved and will be lost once you exit the program.

Work Area

When creating a new preset, enter a preset name, select the type of image that it is good for, enter a description and click "OK". You can also select a second category type that the preset is good for.

Please Note: If the name you've entered is the same as a preset you've already defined then you will be asked if overwrite the previous one.

Your preset will be automatically saved as a new file with a ".tpp" extension in the Topaz Adjust Presets menu and the preview is automatically generated. To apply it later, just click it like any other preset.

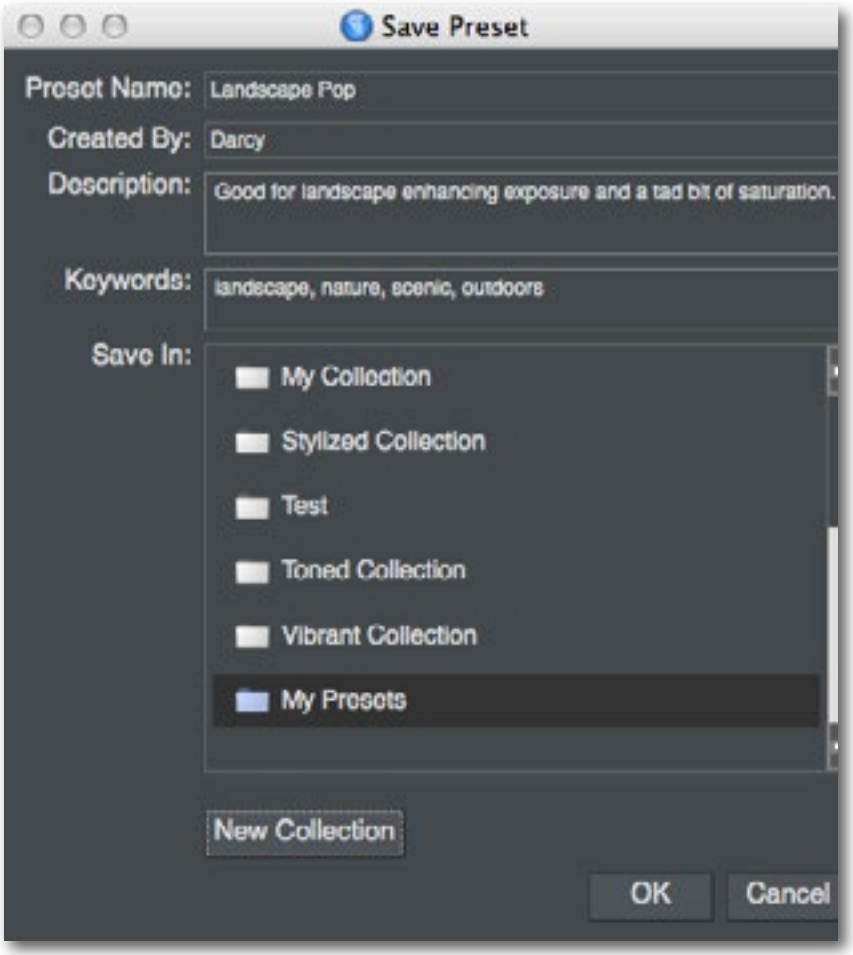
Your presets will be saved in the collection that you were working in. Or you can use the "Save in: My Collection" option to save your preset to the My Collection category.

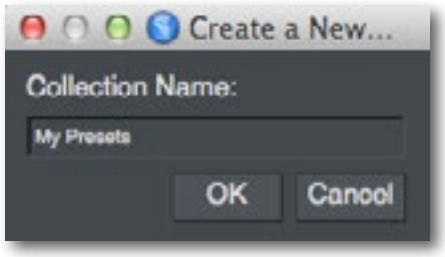
Deleting Presets
If you'd like to delete a preset, use the Delete option with your desired preset selected.

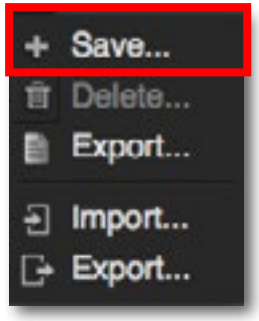
Please Note: Default presets cannot be overriden or deleted. Once you delete a preset it or overwrite it, it can only be retrieved by re-downloading the program.

Saved presets are located in the Topaz Adjust "Presets" folder: C:\Program Files\Topaz Labs \ Topaz Adjust \ Presets unless you've opted to install Topaz Adjust into a different directory.

Mac users have this folder at: HD / Library / ApplicationSupport / TopazLabs / Adjust / Presets.

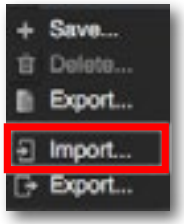




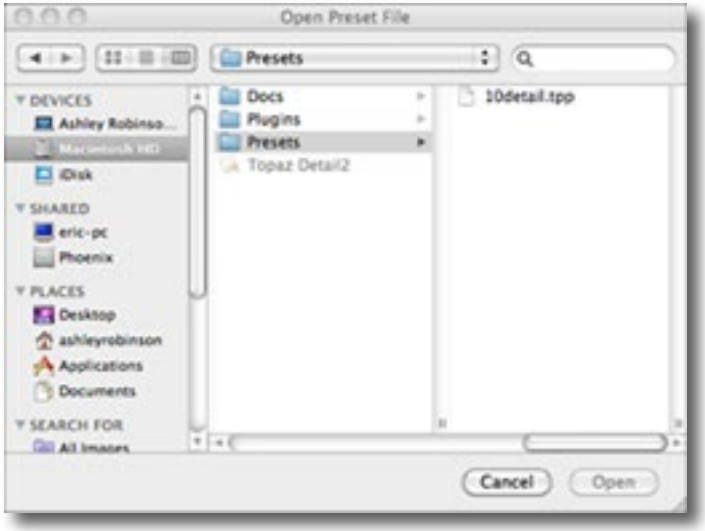


Work Area

Importing Presets
To import a preset file, click the "Import" button.

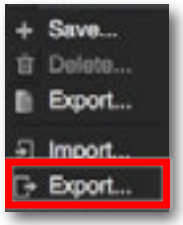


This will open up a "Browse" box to import a saved preset from your computer into Topaz Adjust. This is useful if you have downloaded a preset file that you'd like to use.

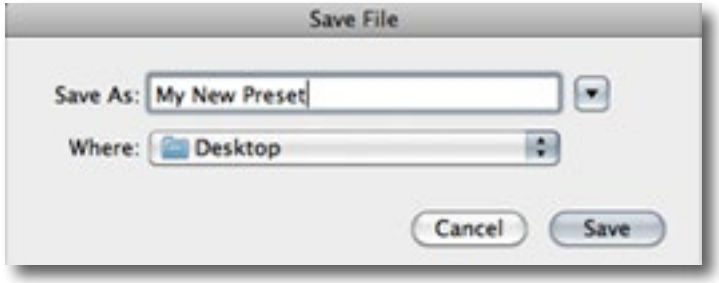


Sharing Presets
Feel free to share your saved presets by emailing them to your friends and having them put it into their Topaz Adjust Presets folder.

Exporting Presets
To export the preset file to a certain location, click "Export".



Name your preset and save it to your desktop or other specified location that you have reserved for saved presets.

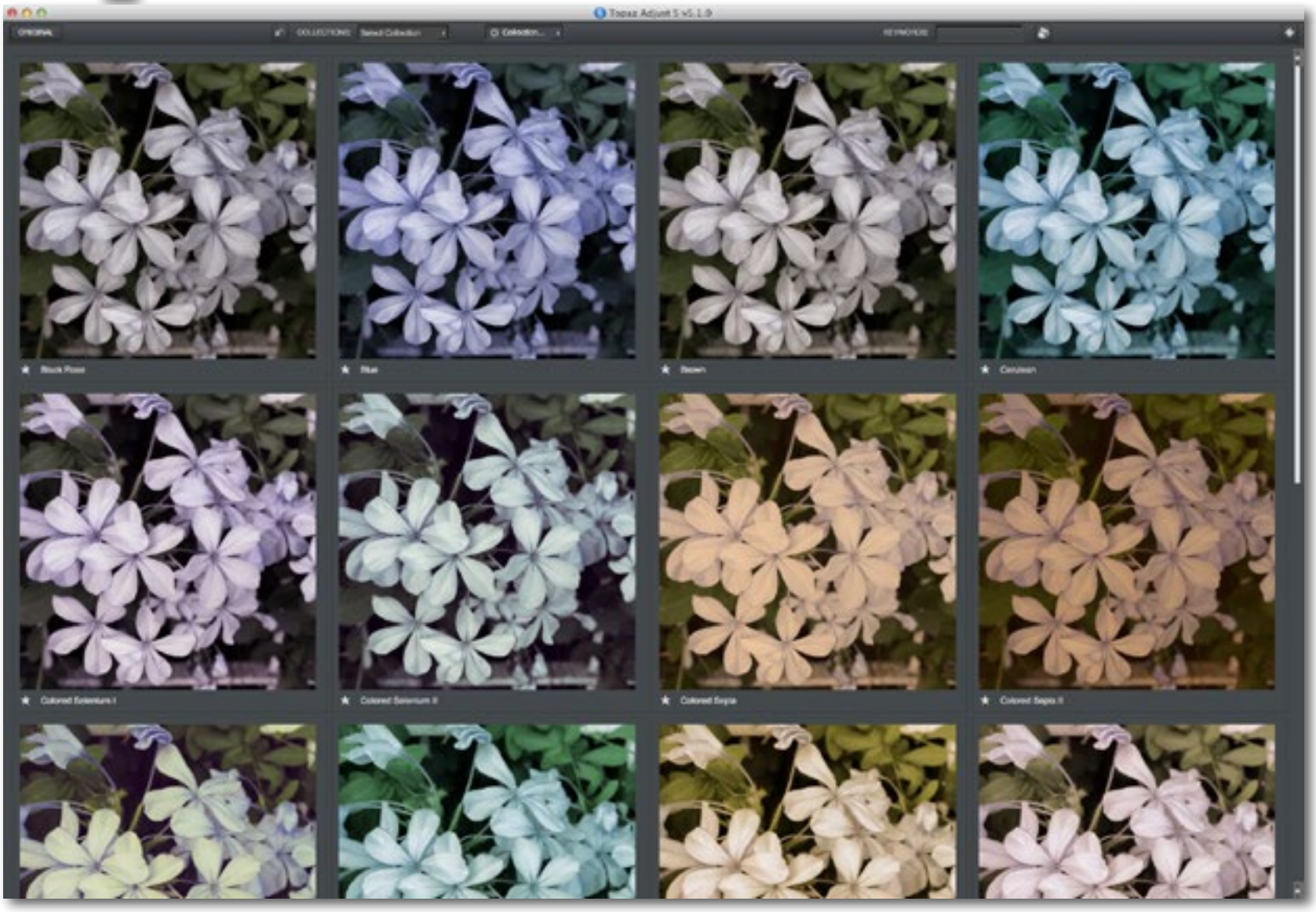


You can then share this preset file with others who may then import it.

Visit the Topaz Labs Blog which features the latest Photography, software and design information including tutorials, videos, and thoughts about both Topaz and non-Topaz topics.

Grid View Mode

To access grid-view mode, navigate to the left hand side of the user interface and click on the icon containing 3x3 tiny squares.



Grid-View Mode

Allows you to view the original image. You may also use the spacebar for this task.

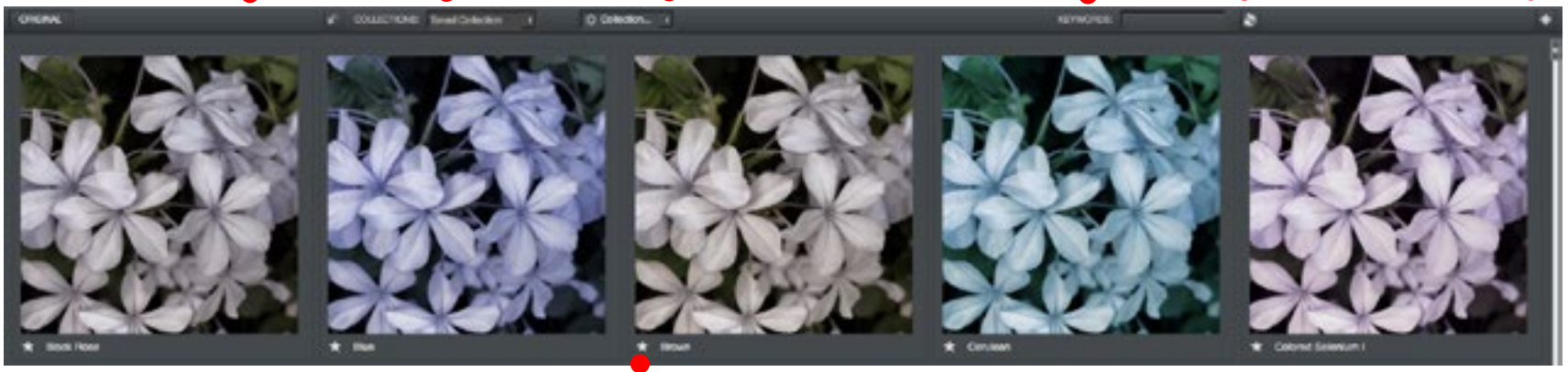
Return to the previous collection.

Navigate between different collections while in grid-view mode.

Search for presets & effects by keyword.

"I Feel Lucky" button. Randomly selects 12 presets to compare & contrast.

Return back to the home screen.

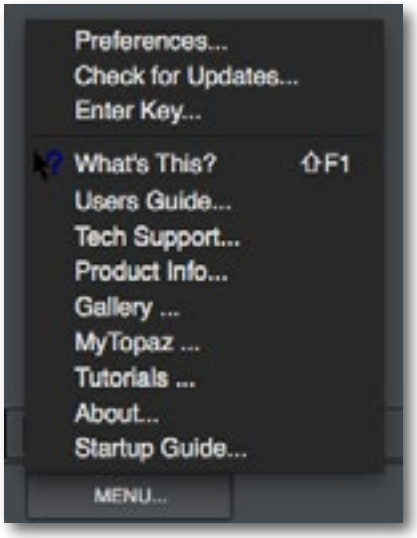


The star icon allows you to "favorite" a preset, saving it into your Favorites collection. Unlike snapshots, favorites are saved after you exit the program.

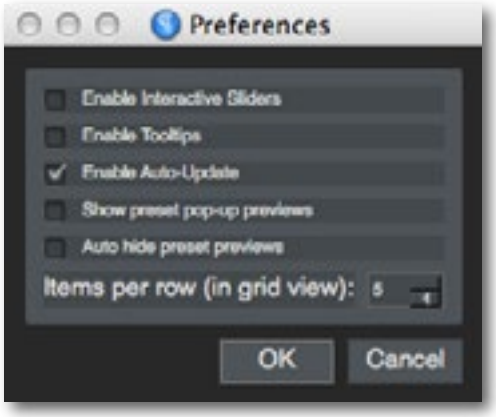
To change the items per row in grid-view mode, navigate to the home screen's Menu->Preferences. You'll have the option to select between 2-5 items per row.

Menu

You can access Topaz Adjust's menu by clicking on the "Menu…" button at the bottom of the interface.



Preferences
Offers various options to customize your usage and interface preferences. You'll need to restart Adjust™ for your changes to take effect.



Enable Interactive Sliders
The processing will update continuously when you drag sliders. When turned off the preview will only update when you release the mouse button. This can be used if the computer is slow.

Enable Tool Tips
Controls the program's pop up tips that appear when you hover over a button or slider.

Enable Auto-Update
Allows Adjust to automatically check for available updates. (Requires an active internet connection)

Show Presets Pop-Up Previews
Disabling this will hide the preset panel when you invoke Adjust. This will allow the program to load faster.

This options is intended for those who mostly work with the slider adjustments and do not want to use the presets - which take more time to load the previews.

You can open/close the preset panel at any time during your workflow by clicking on the small white arrow located on the edge of the interface.

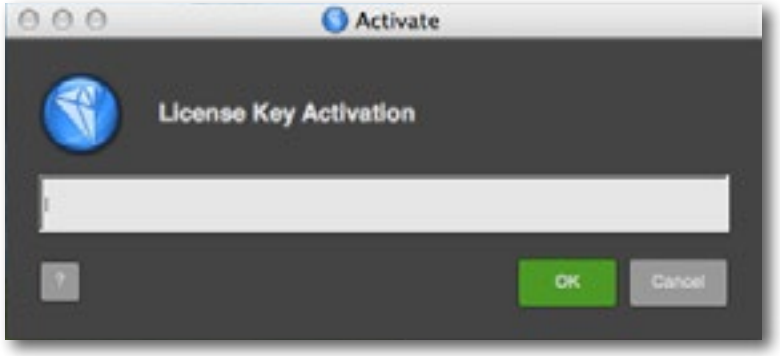
Interactive Sliders
Take advantage of interactive slider/control response during your workflow. This feature works best for faster systems.

Work Area

After Topaz Adjust

Before Topaz Adjust

Enter Key
Select this to enter your trial or purchased license key.



What's This?
Select this (or click F1) then click on a feature in the Adjust interface to learn more about it.

Users Guide
Select it to pull up this user guide.

Tech Support
Brings you to the Topaz Labs support page where you can request assistance from our support specialists, contact our customer service team, retrieve lost license keys, or browse through our Knowledge Base.

Product Info
Select this to go to the Topaz Adjust web page to learn more about the Topaz Adjust plug-in.

Work Area

Gallery
Select this to open up your Internet browser and go to the Topaz Adjust image gallery to see other user images enhanced with Topaz Adjust.

MyTopaz
Brings you to the Topaz Forum community where you can connect and interact with other Topaz users. Here you can also participate in discussions and contests, and share your favorite Topaz images.

Tutorials
Brings you to the Topaz Adjust tutorials page where you can access a variety of helpful video and text tutorials. You can also submit tutorials that you created here as well.

About
Select this to see what version of Adjust you currently have.

To connect with other Topaz users, participate in Topaz contests and to see the latest tips, tricks and tutorials sign up for the new Topaz Forum online at: www.topazlabs.com/forum

Before Adjust

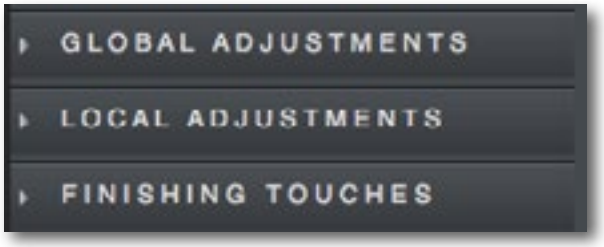
After Adjust

Parameters

The adjustment tools in Topaz Adjust allow you to manually create effects and/or tweak preset settings to customize a unique look for each of your images.

Adjust includes 3 tool tabs with a wide range of parameters that will allow you to make endless adjustments and customizations.

The tabs are featured in an easy-to-follow (suggested) workflow order. However, you are welcome to work in any order that you'd like.



Global Adjustments are applied to the image globally (all around).

Local Adjustments are selective adjustments in which you use a brush to apply

Finishing touches are typically applied at the end and include everything from vignettes to borders to grain.

Have more questions about Topaz Adjust 5 or any of the other Topaz software programs?

Check out the new Topaz Knowledge Base online at: www.topazlabs.com/support/kb

Before Adjust

After Adjust

Global Adjustments

This tab includes tools that are applied globally (all over) the image. Adjustments include module for exposure, detail, color and noise. It also includes a curve tool.

Adaptive Exposure
Corrects the exposure of an image by balancing tonal values. This setting works in conjunction with the Regions slider. A setting of 0 disables adaptive exposure balancing while a setting of 1 applies full adaptive exposure balancing.

Need to reset your slider values? Simply double-click on the slider name above the slider control to instantly reset the slider value to 0.

Original Image © Scott Stulberg

Adaptive Exposure: 0.40
Regions: 25

Settings & Parameters

Regions
This is the number of regions the image is divided into for Adaptive Exposure processing. A larger number means that the adaptive exposure will be disbursed more so throughout the image, meaning more local contrast and detail enhancement.

So how exactly is a region determined within an image? Let's say your region slider is set to 7. Take the longest side of your image and divide it into 7 sections. Now divide the image into squares based on those sections. Each square is considered a region, and the contrast is then adjusted in that local region (based on the pixels).

So let's take a closer look at Regions in action so we can see just how they work.

Example 1:
For the first set of images, the adaptive exposure is set at 0.4. The regions slider was then increased.

Original Image

Adaptive Exposure: 0.4; Regions: 1. When the Region is set to 1, the entire image is the region.

Now we will change the Regions to 7. This shows how the regions are determined:

1 2 3 4 5 6 7

Settings & Parameters

Adaptive Exposure: 0.4; Regions: 7

Example 2:

For this next set of images, Adaptive Exposure will stay at 0.5, and the only slider moved is the Regions. Here

The standard setting for regions is 4. Here is how the adaptive exposure will be disbursed:

Adaptive Exposure: 0.5; Regions: 4

Please note: The grid shown here is only for visual purposes and is not actually a feature that can be found in Topaz Adjust.

Settings & Parameters

Then change the Regions to 36.

Adaptive Exposure: 0.5; Regions: 36

Final Image

Contrast
Controls whether the exposure equalizations tend to take more of a "u" (valley) shape or more of a "n" (hill) shape on the histogram. Please note, this is not the same as your standard contrast adjustment.

Low Contrast Setting

High Contrast Setting

Settings & Parameters

Standard brightness adjustment parameter. Increasing this parameter increases the overall brightness of the image.

Highlights
Built-in protection from highlight (the lightest tones) blowout. Increasing this parameter reduces the harshness of highlights and reveals previously obscured detail in highlight areas. A setting of 0 disables highlight protection.

Shadows
Built-in protection from shadows (the darkest tones). Increasing this parameter opens up the shadows and reveals previously obscured detail in shadow areas. A setting of 0 disables shadow protection.

Before Adjust

Before & After Adjust

After Adjust

Details

The Details tab makes it easy to creatively enhance or remove details in your photo. Previously unseen details can be enhanced and recovered.

Strength
Determines the degree of detail enhancement applied to stronger details in the image. Works in conjunction with the "Details Threshold" value. A value greater than 1.0 strengthens the details in the image while a value less than 1.0 reduces and smooths details.

Detail Boost
The amount of detail enhancement applied to the smaller details in the image. A value higher than 1.0 strengthens the weaker details in the image while a value less than 1.0 reduces the strength of smaller details. This parameter affects mostly weak details. Strong details should be adjusted using the Strength slider.

Threshold
A larger threshold allows more image elements to be considered "details" and a smaller threshold limits elements considered "details".

Radius
The larger the Details Radius is, the larger the size of the enhanced details will be. The smaller this parameter is, the smaller the size of the enhanced details.

If sharpening is your greatest priority then be sure to try the powerful detail and sharpening tools in Topaz Detail.

Sharpen
The amount to sharpen the image. This is a quick sharpener that conveniently deals with images with mild-to-moderate blur.

Process details independently
Allows you to adjust exposure and details separately. When this box is checked, only underlying exposure will be adjusted when you use the Exposure tab. The details will only be adjusted through the Details tab. This gives you extra flexibility in your image and tends to reduce the overall noise and amount of "dirty area" in the final image.

Before Adjust

After Adjust

Color

The Color tab applies adaptive color processing. It pretty much works the same as the Exposure tab except it works on the image's color rather than exposure. Interesting color effects can be created here.

Adaptive Saturation
Balances saturation in the image. This setting works in conjunction with the Regions setting. A setting of 0 disables adaptive saturation balancing while a setting of 1 applies full adaptive saturation balancing.

Regions
The number of regions to divide the image into for Adaptive Exposure processing. The larger this number is, the more local contrast in saturation you'll get.

Saturation
Standard parameter to increase or decrease the overall saturation (richness and brightness) of the image.

Saturation Boost
Increase or decrease the saturation of less saturated colors in an image.

Hue
Controls the distinct color of the spectrum - red, green, yellow, orange, blue, etc...

Before Adjust

After Adjust

Noise

The Noise tab offers basic noise removal options. This is necessary because enhancing image detail can often bring in added noise. Adjust gives you the ability to clean up that noise effectively.

Suppression

The suppression tab controls the amount of noise removed. A value of 1 removes what Topaz Adjust calculates to be the correct amount of noise in an image. A higher value removes more noise (relative to the noise map) and a lower value removes less. This filter is generally good at detecting, so it is best to start off with a setting of 1 and gradually work from there.

Amount

The degree of noise suppression applied to the image. A setting of 0 turns noise reduction off and 1 turns it on fully. This is similar to the "Opacity" setting in Photoshop for the noise map.

Use Topaz DeNoise

You will notice a check box option in the Noise tab that will allow you to process your noise reduction options using Topaz DeNoise. Disabling this feature will make your noise reduction process fast but simple, and will suppress more detail. If you enable this feature then it will use an advanced algorithm, similar to the one in the DeNoise 5 program, to remove image noise. This feature is slower but it will preserve more detail in your image.

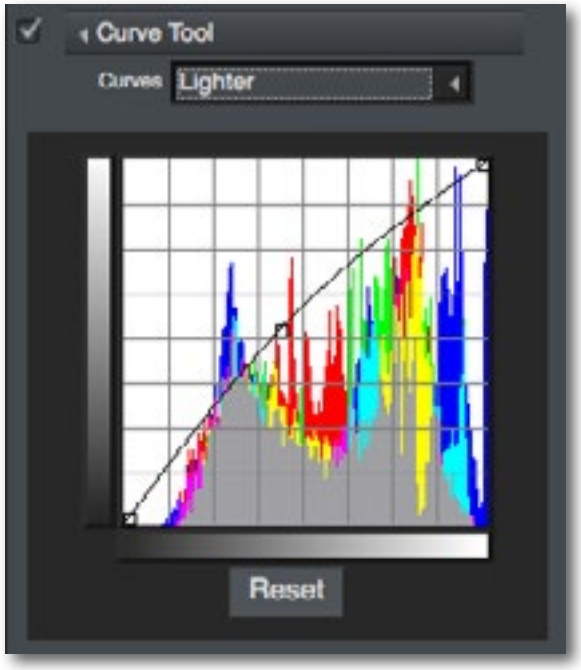
Before Noise Reduction

After Noise Reduction

This is a basic noise reduction. For advanced noise reduction, color noise reduction, dual-debanding technology and shadow tone restoration check out the new Topaz DeNoise 5 online at: www.topazlabs.com/denoise

Curve Tool

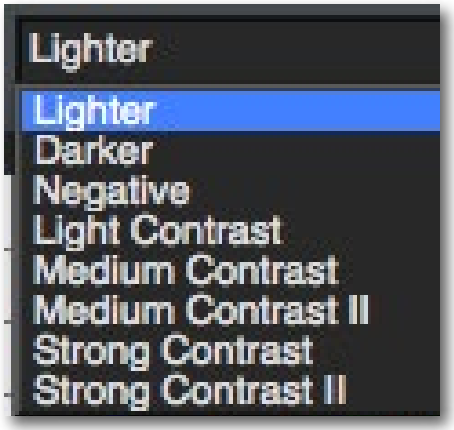
The curve tool allows you to click and drag to add/ move points, controlling image contrast, brightness and tone. It also includes some default curve presets for quick application.

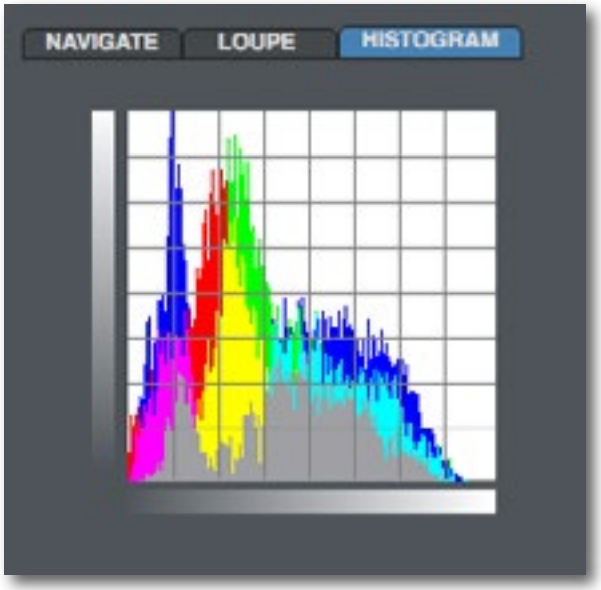


Reset
Resets the curve back to the default values.

You can access the histogram from the Curves tab located in the Global Adjustments tab or you can use the quick access one that shares space with your preview navigator

Curves (drop down menu)
Pre-loaded curves.





Local Adjustments

This tab allows you to selectively apply image adjustments using an intuitive brush. Adjustments include burning, dodging smoothing and erasing/brushing out applied adjustments.

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The Local Adjustment tab is great for cleaning up the harsh effects that can occur in skin and sky.

Adjustment Type
Choose Dodge, Burn, Brush Out or Smooth. Note that the slider options below the adjustment type will apply to whatever adjustment type you have selected.

Dodge
Used to lighten (dodge) specific areas of your image by increasing the exposure in those areas.

Burn
Used to darken (burn) specific areas of your image by limiting the exposure in those areas.

Brush Out
Allows you to easily taper down the strength of effects or remove them completely. The Opacity slider controls how opaque your adjustments become. The higher the value the more effect that will be removed.

Smooth
Smoothes out detail using the Smooth option - this is great for cleaning up areas of skin and sky.

Overall Strength
Advanced blending control over applied adjustments. If dodging or burning is too weak or strong, the strength slider allows for further control. Note that the below adjustments will apply to whatever type you are in.

Brush Size
Controls the size of the brush.

Settings & Parameters

Opacity
Controls the amount of transparency in the selective adjustment that is being applied.

Hardness
Controls the edge hardness of the brush. A value of 0 is 100% hard, while a value of 1.00 is 100% soft.

Edge Aware
Controls how edge aware the brush is. Higher values indicate an increase in awareness, which is good for precise selections. Lower values indicate less awareness, allowing for a more natural brush stroke and transition.

Undo
Allows you to undo the adjustments made in the Local Adjustments tab.

Redo
Allows you to redo the adjustments made in the Local Adjustments tab.

Reset
Resets (eliminates) all of your adjustments made in the Local Adjustments tab.

Eraser
The eraser tool allows you to brush over any area to remove the adjustments made.

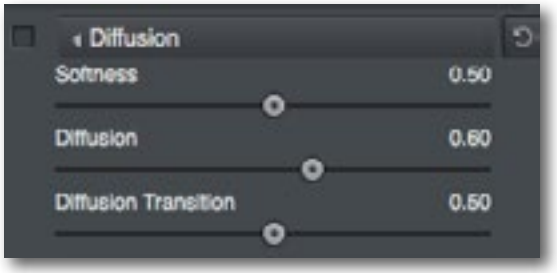
Finishing Touches

This tab includes useful finishing touches that you can apply to your image. It includes toning, vignettes, warmth, grain and more.

Before Adjust

Diffusion

Diffusion simulates characteristics like those seen with Diffusion filters, which help soften and spread out light. Diffusion filters can also help create a hazy or dream-like effect.



Softness
Adjusts the softnesss of the image. Increasing this parameter will make the image appear to have a softer focus.

Diffusion
The diffusion slider controls how much the light is diffused in the image. This can give the image a nice inner glow - traditionally used for portraits to soften/ smooth the skin, especially on females.

Diffusion Transition
The Edge Transition slider controls how quickly one area on tone transitions into the next. This will help to further control/enhance the exact look of diffusion you would like for your image.

Grain

Diffusion simulates characteristics like those seen with Diffusion filters, which help soften and spread out light. Diffusion filters can also help create a hazy or dream-like effect.

Grain Color
Adjusts the color of the added grain. Increasing this parameter will make the grain more colorful.

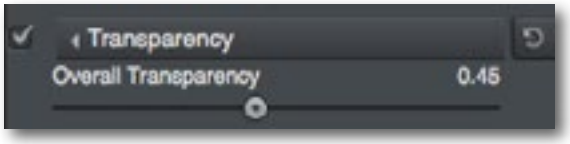
Grain Contrast
Controls the contrast and separation of the grain.

Grain Size
Adjusts the size of grain applied. Lower values will produce finer grain and higher values will have larger, more visible grain.

Settings & Parameters

Transparency

Control the overall effect strength by adjusting the transparency slider and add as much or as little effect as you'd like to your image.



Overall Transparency
Controls the overall strength of your applied (global) adjustments to your image. Increasing this parameter will made your overal effect more transparent.

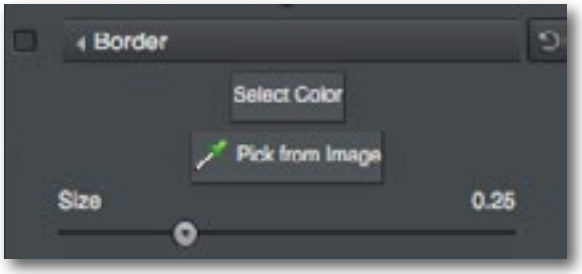
Warmth

Control the temperature of your image by giving it a warm or cool tint.

Warmth
Controls the degree of cool or warm cast added to your image.

Border

This tab allows you to add a solid, color border to your image.



Select Color
Launches a default color palette.

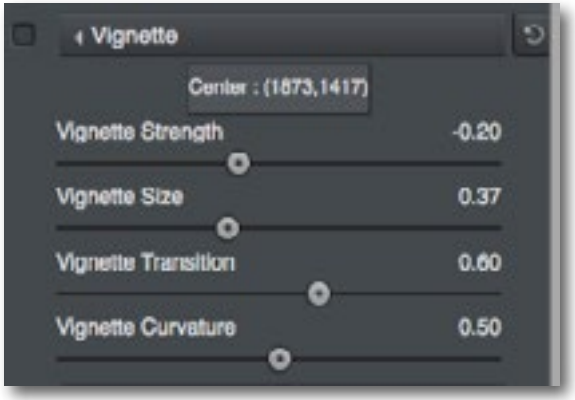
Pick from Image
Allows you to select a color from your image as the border color.

Size
Adjusts the size of the border being applied to the image.

Please visit the Topaz Adjust website at http://www.topazlabs.com/adjust for video tutorials, tips, and tricks!

Vignette

This effect allows you to add a basic vignette to your image.



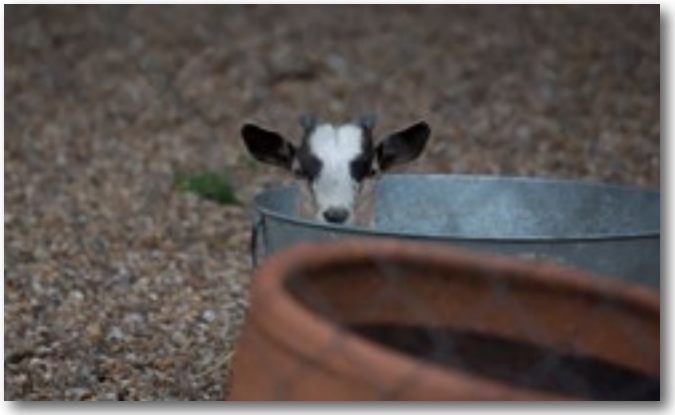
Center (button)
Click to set the center point for your vignette.

Vignette Strength
Controls how heavily the vignette is applied to your image. A higher value will produce a darker vignette, whereas a smaller value will produce a lighter, more opaque vignette

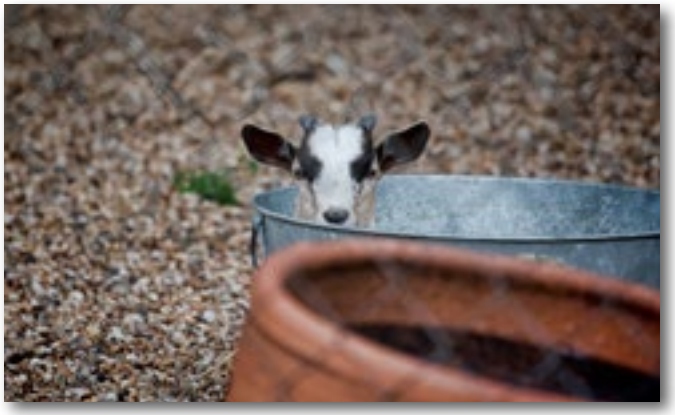
Vignette Size
Controls the size of the applied vignette. A higher value will expand the width of the vignette towards the edges of your image. A smaller value will contract the vignette inward to the center of your image.

Vignette Transition
Determines the hardness of the transition between the blurred (out-of-focus) background and the focused foreground. The higher the value the softer the transition will be.

Vignette Curvature
Controls the blend between the vignette and the original image. The larger values will produce a longer softer transition and the lower values will produce a shorter transition.



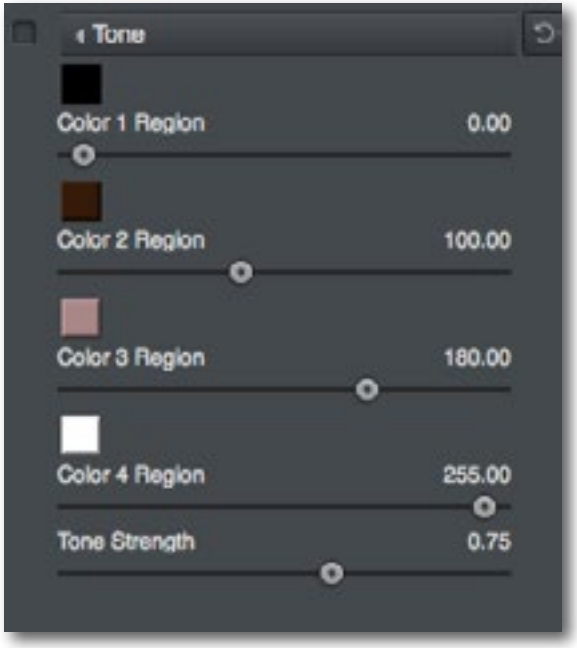
Before Adjust



After Adjust

Tone

Tone allows for 4 different tones to be selected and applied to different tonal regions within an image. With 4 tones, enhanced contrast and detail can be easily applied. Selecting one color or 4, advanced toning and artistic effects can be applied.



Hint: Choose all four of your colors first before moving the Regions sliders.

Color Region 1
Click on the corresponding color swatch and a color picker will pop-up for a color to be selected. Once the color is selected, use the Region 1 slider to select where on the tonal scale that color is to be applied.

Color Region 2
Click on the corresponding color swatch and a color picker will pop-up for a color to be selected. Once the color is selected, use the Region 2 slider to select where on the tonal scale that color is to be applied.

Color Region 3
Click on the corresponding color swatch and a color picker will pop-up for a color to be selected. Once the color is selected, use the Region 3 slider to select where on the tonal scale that color is to be applied.

Color Region 4
Click on the corresponding color swatch and a color picker will pop-up for a color to be selected. Once the color is selected, use the Region 4 slider to select where on the tonal scale that color is to be applied.

Tonal Strength
Determines the strength of the tones applied to the image.

Sample Project #1

In this project, we will walk you through a quick example workflow. This example will demonstrate how you can enhance your images using a preset and the apply button, followed by a few minor edits using the selective parameters on the right hand side.

After Adjust

Before Adjust

We want to give this image a quick POP by enhancing the color, tone and detail. So let's get started.

1. Open your image in Photoshop (or another compatible host program) and go to Filters -> Topaz Labs ->Adjust 5.

2. Once your image loads click on the Reset All button to clear any applied adjustments.

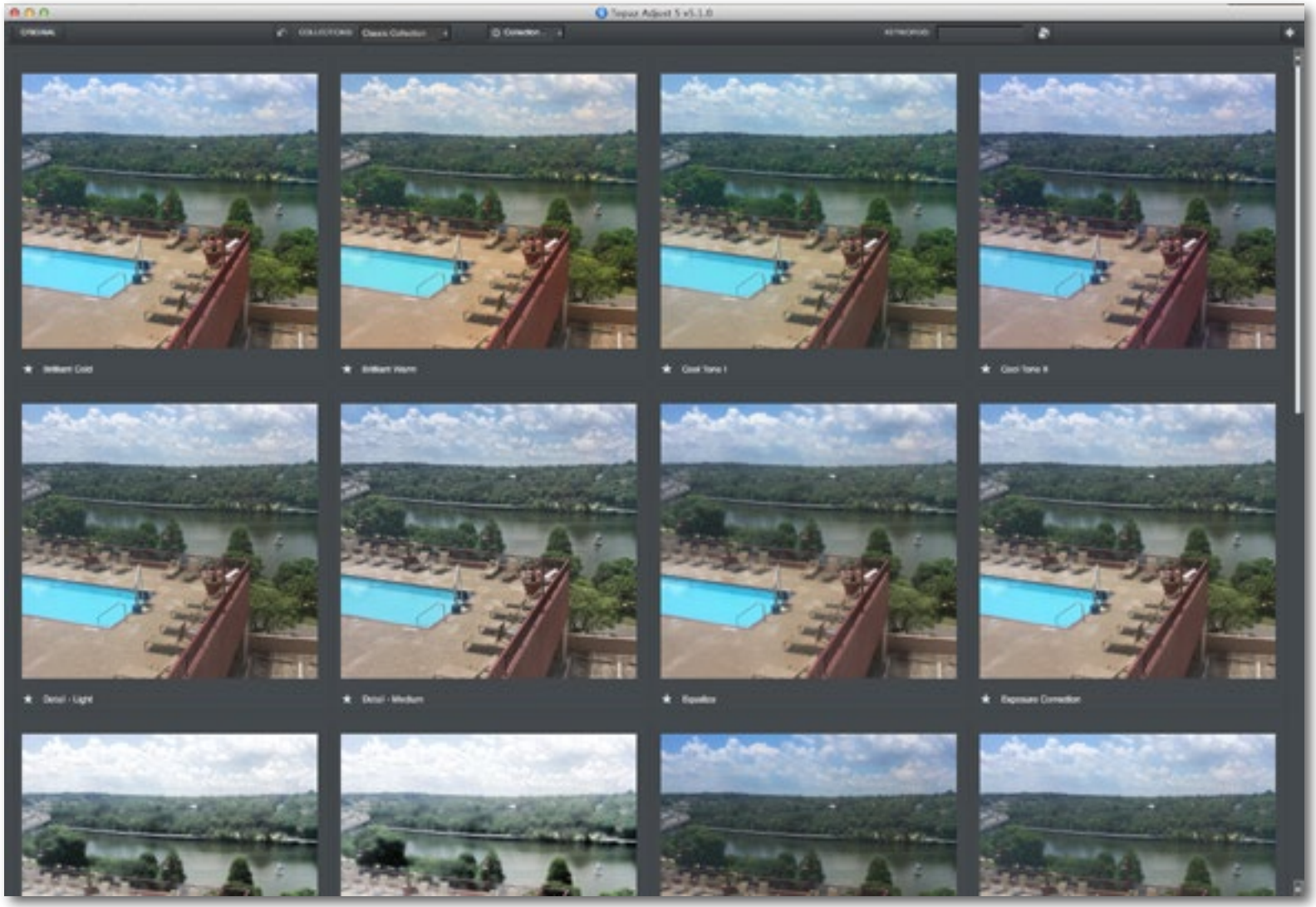
3. Use the zoom tools to zoom in on a specific part of your image. Then you can click on the preview and drag it around until you find an area that you like.

4. Go to your Effects / Presets panel on the left side of the screen and select the Classic Collection from the Effects Menu.

When first getting into Adjust you may want to explore all of the effect collections and their associated presets before jumping into the workflow. This will give you a better idea of the various effects that you can achieve.

5. Click on the grid view icon to compare and contrast presets in grid view mode. You may change the number of presets shown per row if you go to Menu-> Preferences and increase the number to 5.

6. As you browse throught presets, click on the star icon to add it to your favorites folder so that you may compare & contrast.

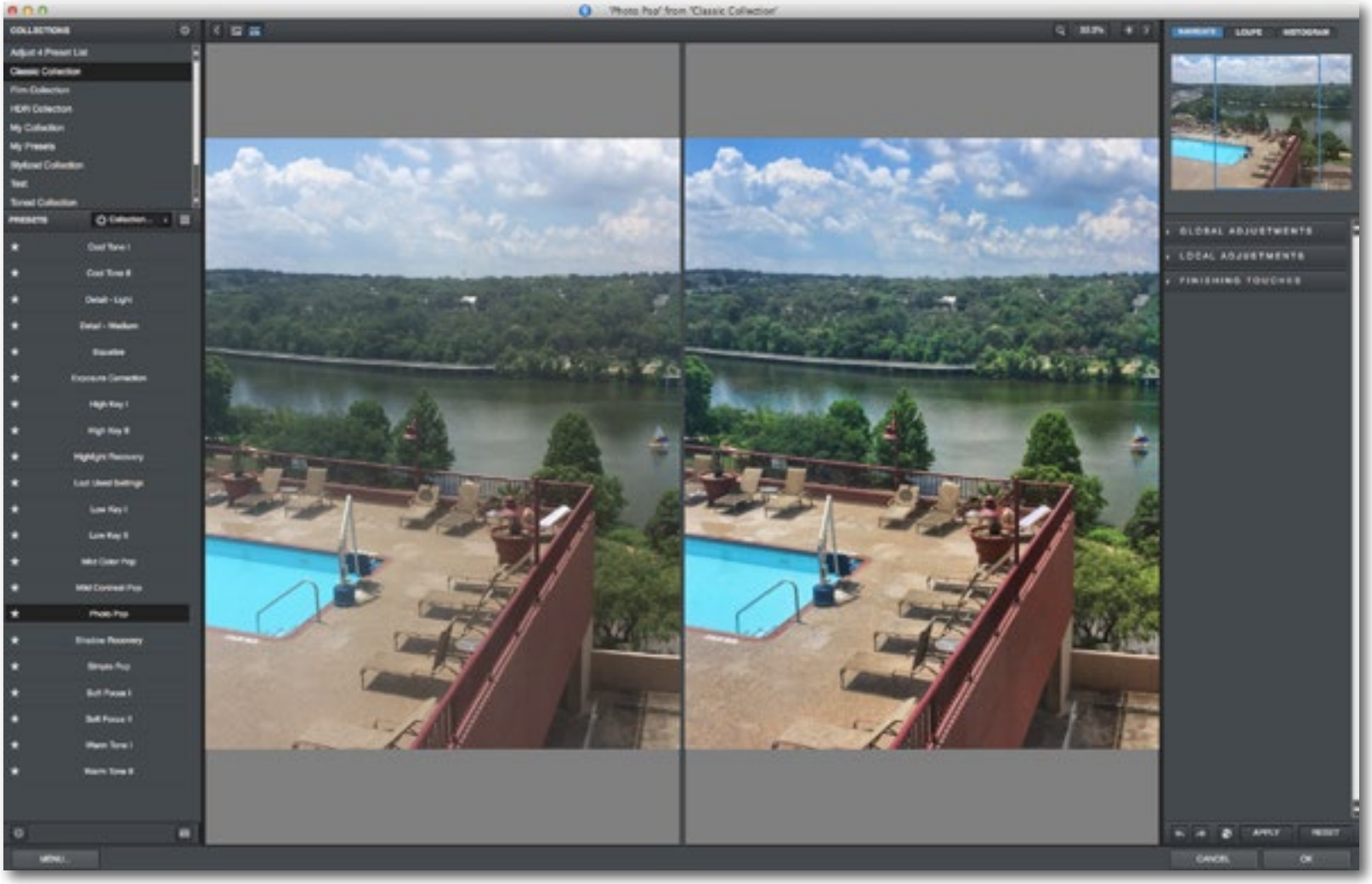


7. Scroll through the Preset list and find the Photo Pop preset. To select it, just click on it and the sliders will automatically adjust to the pre-defined settings and parameters.

This preset is going to increase the adaptive exposure while adding a pop of color and detail to the image.

8. Use the spacebar shortcut key to compare your before/after image in the preview window.

9. Expand the global adjustments panel and under adaptive exposure, increase the exposure and regions to your liking.



10. Next, expand the Color panel and increase the saturation sliders to your liking.

11. When happy with the adjustments, click the "Apply" button to save the current preset selection. This will allow us to stack presets to create our overall effect.

Please Note: *Once you click the "Apply" button that your applied adjustments cannot be undone. You would need to cancel out of the program in order to reset your image.*

12. Now it is time to add the second preset. Go back to the Effects menu and select the Vibrant Collection.

13. Once the presets load, scroll through and find the Crisp preset and click on it to apply it.

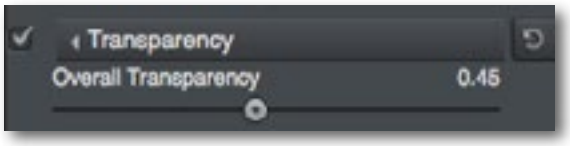
The Crisp preset is going to give you crisp details that are more defined. It is also going to slightly increase the saturation in your image a nd spread it over more regions...for a little more color variation which helps create a nice Crisp POP.

14. Use the spacebar shortcut key to compare your before/after image in the preview window.

15. Click the "OK" button to process your changes and save your image back to Photoshop.

And that's it! During your workflow you are welcome to stack as many preset effects as you'd like. You can also go to the Tool panel and make manual adjustments using the sliders. This will allow you to customize the settings to best fit your image.

If you find that the overall effect is too strong or heavy on your image then visit the Finishing Touches tab and select the Transparency option.



By increasing the transparency slider you can make overall effect more transparent and lessen how heavily it is applied to your image.

This is a great way to tone down effects so that your image does not appear over-enhanced.

Don't forget that you can use the shortcut keys in Topaz Adjust to speed up your workflow.

Sample Project #2

In this project, we will walk you through a quick example workflow. This example will use a combination of presets, manual adjustments and demonstrate the use of the brush out tool under Local Adjustments.

Before Adjust

After Adjust

For this example let's make the landscape pop by giving it a color boost and bringing out the tonalities.

1. Open your image in Photoshop (or another compatible host program) and go to Filters -> Topaz Labs ->Adjust 5.

2. Once your image loads click on the Reset All button to clear any applied adjustments.

3. Use the zoom tools to zoom in on a specific part of your image. Then you can click on the preview and drag it around until you find an area that you like.

4. Go to your Effects / Presets panel on the left side of the screen and select the HDR Collection from the Effects Menu.

5. Scroll through the Preset list and find the Dynamic Pop preset. You may also choose to reduce the transparency under Finishing Touches if you think the preset is too harsh.

6. Use the spacebar shortcut key to compare your before/after image in the preview window.

Using the sliders in the tool panel, we can further tweak the settings to enhnace the look for this image.

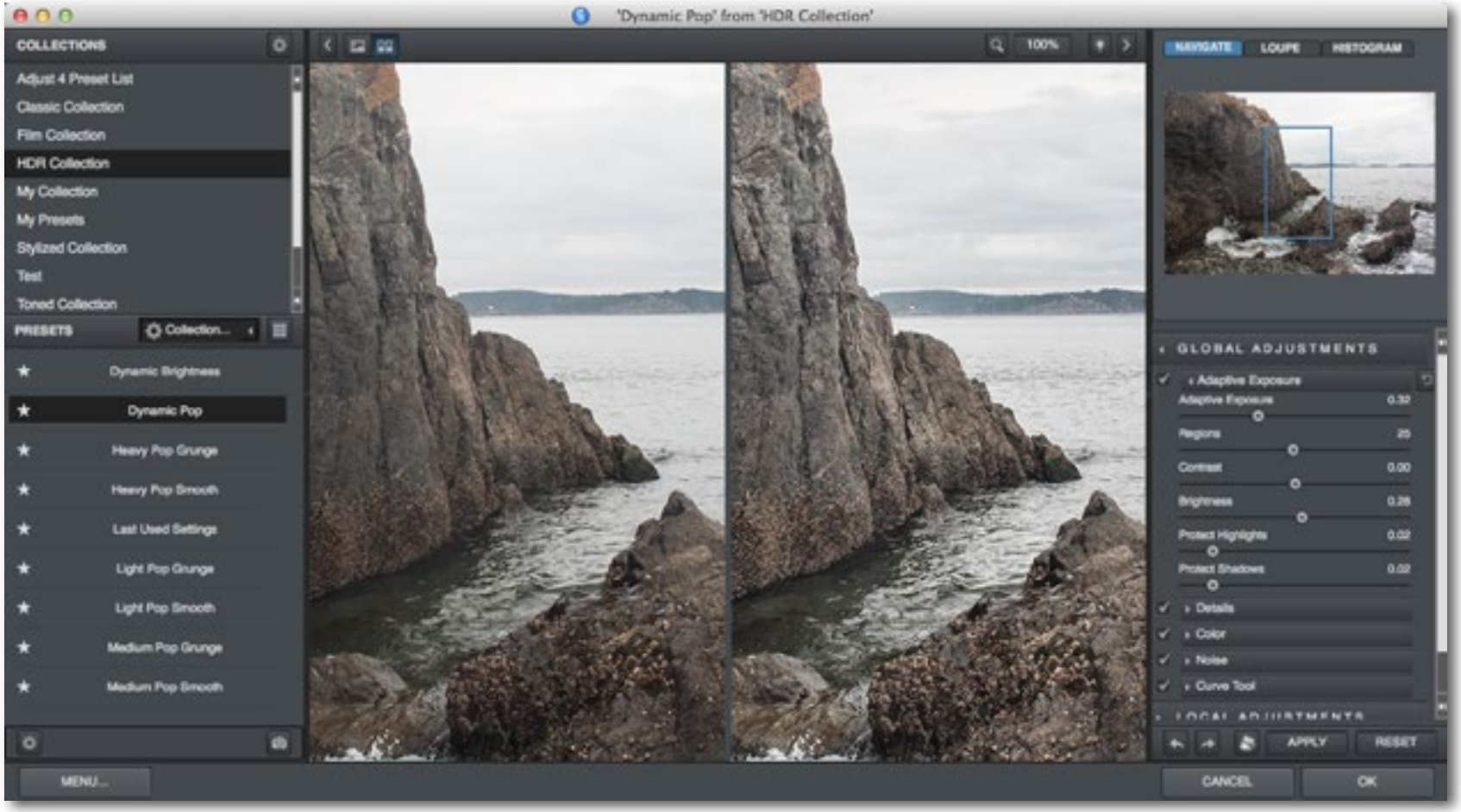
7. Go to the Tool panel on the right side of the interface and click on the Global Adjustments tab to open it. We will work our way down through the tabs.

8. Open the adaptive exposure panel. There you can increase the adaptive exposure more if you'd like as well as the regions. Play around with the slliders until you reach a tonal value in your image that you like.

9. You may want to increase the brightness a tad too if you image was originally underexposed.

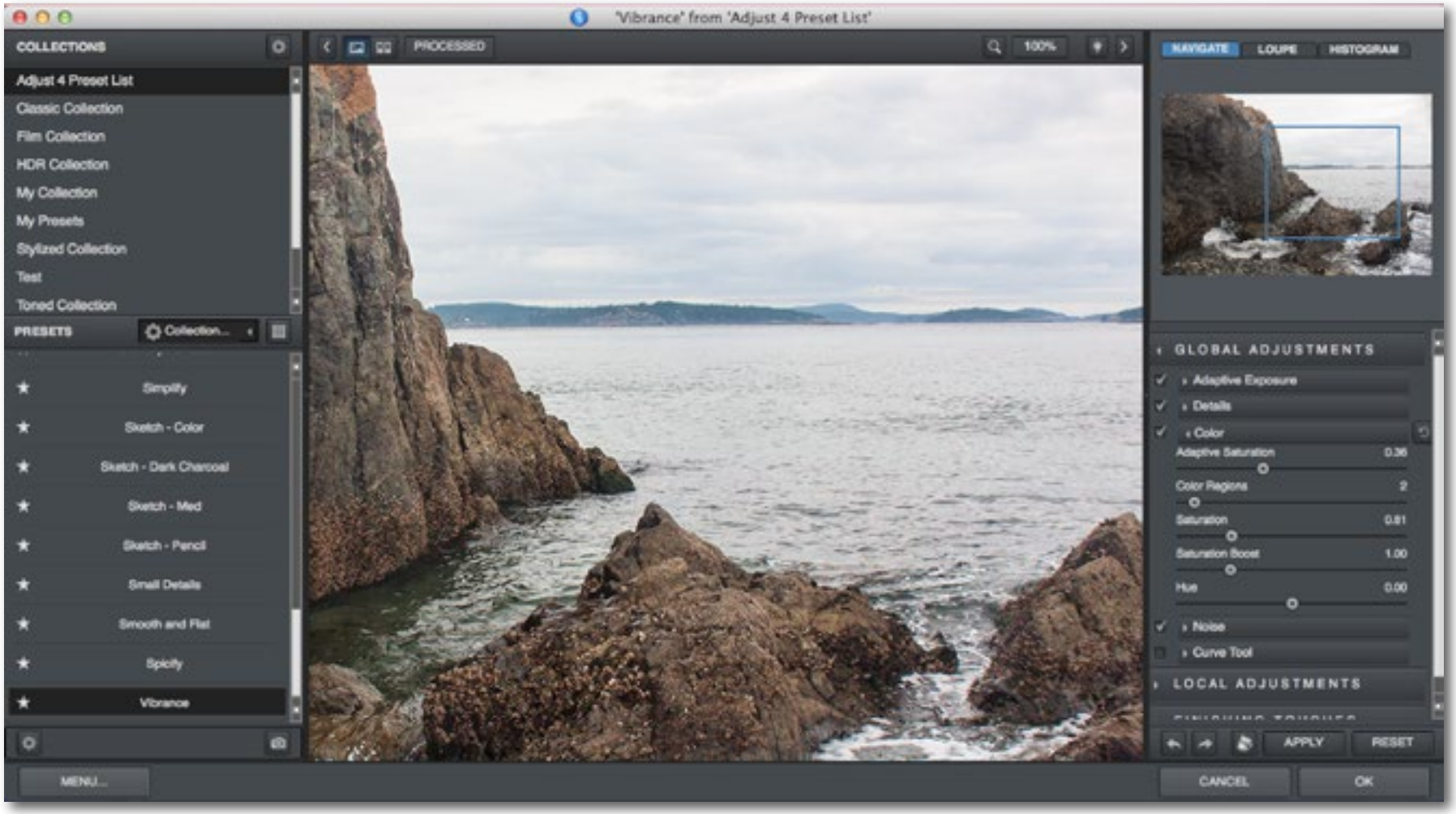
10. After that, you may also choose to increase vibrancy & saturation in the image. A good start is to go to the Classic collection and apply the Brilliant Cool preset.

11. Or you may choose to expand the Color panel and increase the adaptive saturation & saturation boost sliders.



Workflow

After color adjustments you may notice that your foreground and sky turn an unwanted or unnatural color such as the blue mountains. Or often, when you push edits too far, noise artifacts will start to form in the sky. Within Adjust you have the option to mask out effects so that they are only applied to specific areas. This can be done using the brush out tool found under the Local Adjustments panel.



12. To mask out the applied effects from the sky, expand your local adjustments panel and select the brush out tool.

13. Increase the opacity, brush size, edge aware and hardness of the brush as desired.

14. Use the brush out tool to brush away any areas of the image that might have formed noise or like in this example, the overly blue mountains.

15. Pay attention to the mask beneath the brush settings. Where the effect is removed, the mask will start to turn white or shades of gray if you reduced the opacity.

16. You may also have noticed that in the upper right corner of this image it is darker (a fault of the lens). Use the Dodge tool to lighten this area. For any areas that need to be darkened, use the Burn tool.

Workflow

Workflow

Sample Project #3

In this project, we will walk you through a way to create an Instagram-like effect.

Before Topaz Adjust

After Topaz Adjust

This workflow is going to allow us to create a vintage, artistic style, most commonly seen using the social media and photo sharing application, Instagram. By first working with selective parameters and then applying an antique effect, we'll create a unique image.

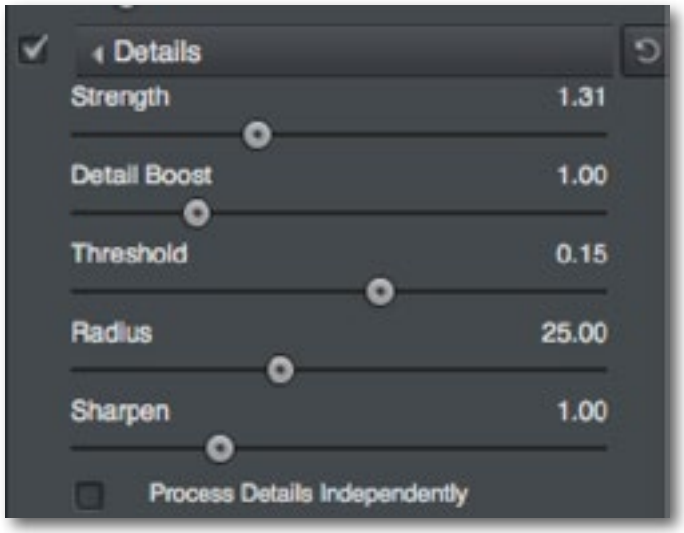
1. Open your image in Photoshop (or another compatible host program) and go to Filters -> Topaz Labs ->Adjust 5.

2. Once your image loads click on the Reset button to clear any applied adjustments.

3. First make adjustments in adaptive exposure to correct tones if the image is too dark. You'll want to increase exposure, regions and brightness.

Workflow

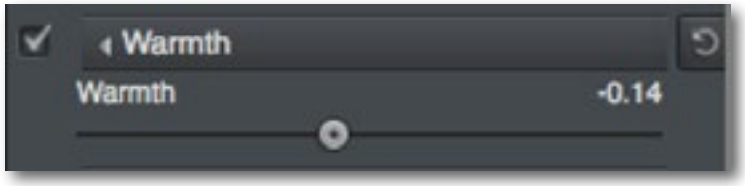
4. Next make adjustments in detail. Under the Detail module increase the strength and sharpening slider.



5. Now move to color where you can increase the adaptive saturation and saturation boost slider. Be sure not to overdo it with any of these options. A slight increase for a natural look is ideal (you can always go back and increase more).

6. Next, expand the finishing touches panel and navigate to the warmth option. Since we're dealing with warm tones in the yellow sunflowers, moving the slider to the left will bring about cooler tones.

Yellow and blue are complimentary to one another, so if your image is predominantly blue, adding a warm tone will bring about a nice effect and vice versa.



After adjusting the settings and parameters on the right hand side, here is what our image looks like. Press Apply to apply those changes and we'll then work with vintage presets on the left hand side.

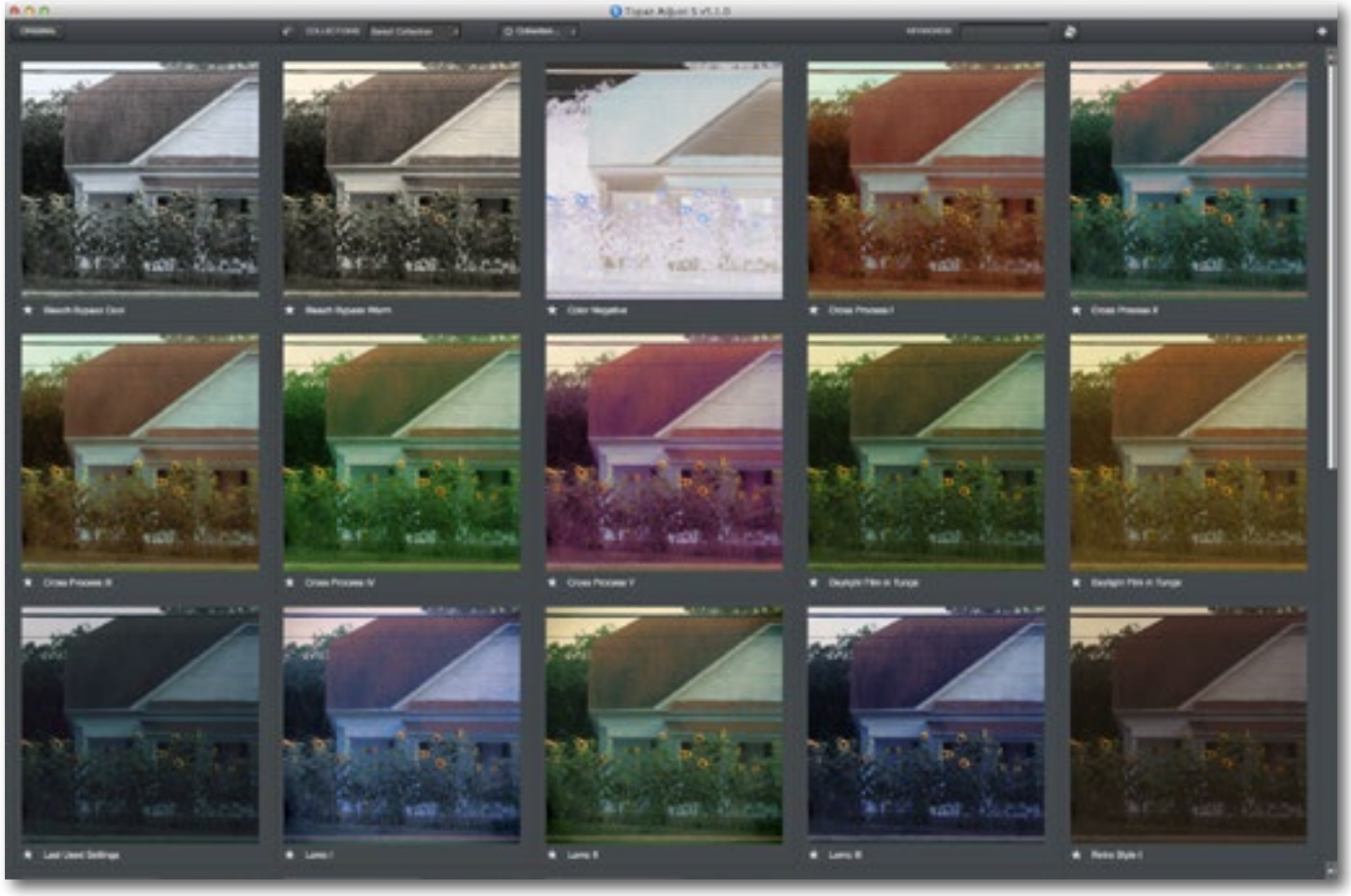
7. After you've applied the settings, navigate to the collections of effects on the left hand side.

8. Click on the Film Collection and then to compare and contrast presets, view them in grid view mode (tiny 3x3 square icon next to Presets).

9. Click on the camera icon to take a snapshot of presets you like. You can then compare and contrast these selections in the snapshot collection.

10. For this image, the preset Cross Process II is neat looking! Although you may choose a different preset. If you find it too strong, reduce the transparency under Finishing Touches.

11. Press apply to apply the preset. You can then apply another preset on top of that to make it your own. Unlike Instagram, it is possible to apply multiple effects on top of one another in Topaz Adjust.



Before Topaz Adjust

After Topaz Adjust

Glossary

Achromatic - Without color.

Adjustment Layer – A layer that allows you to adjust the look of an original image with out making it permanent. With adjustment layers you can make various changes to a layer without damaging it and go back and readjust it at anytime.

Algorithm - Any bit of code or programming that defines a process.

Blur - Make or become unclear or less distinct.

Brightness - The degree to which a color sample appears to reflect light.

Chroma - Purity or intensity of color. The difference of a color against the brightness of another color that appears white under similar viewing conditions.

CMYK - Cyan, magenta, yellow, and black. A color model commonly used for 4-color printing by printers to define and mix all of the colors they are capable of outputting.

Color - The human perceptual response to different wavelengths of light impinging on the photo receptors in the retina.

Color channel - The visual component of a color digital image that represents all the pixels in that picture made up of a specific primary color. In a typical digital photo, the primary colors of red, green and blue (from the RGB color model) create all the colors in that photo, which may be represented by three color channels, each of red, green or blue.

Color Profile - defines the range of colors that can appear in a digital photo.

Desaturate - Decreasing the intensity of a color (hue).

Download - The process of transmitting or transferring data from one device to another.

Export - Outbound data transfer in a format that can be used by other programs.

Grain - Lightly-speckled noise that is used to apply a more natural look to an image.

HDR (High Dynamic Range) - Allows a greater dynamic range of luminances between the lightest and darkest areas of an image than standard digital imaging techniques or photographic methods. This wider dynamic range allows HDR images to more accurately represent the wide range of intensity levels found in real scenes, ranging from direct sunlight to faint starlight.

Hue - One of the main properties of a color, described with names such as “red”, “yellow”, etc.

Import - Inbound data transfer into a file or document.

ISO - The amount of sensitivity of a digital camera sensor. A higher ISO enables faster shutter speeds and / or better performance in low light, but is more susceptible to experiencing increased noise.

Noise - Visible effects of interference in an image from

Glossary

a digital camera. Often appearing as random colored dots sprinkled throughout the image or uneven coloration in what should be smoothly-colored areas. It is most likely to show up in the darker or shadowed areas of an image. Noise can be an undesirable effect that detracts from overall image quality or something you can choose to create artistically.

Opacity – The amount of transparency a layer has.

Pan and Zoom - A useful function that allows users to magnify the captured image in the preview and then, by using the cursor, to move or pan around the image. Typically Pan and Zoom allows users to magnify the image 2x or 4x time. By magnifying the images and zeroing in on a specific section, you can see details not visible when the entire image is sized to fit the preview.

Parameter - A numerical or other measurable factor forming one of a set that defines a system or sets the conditions of its operation.

Photo-editing or Imaging software – Programs in which you can alter your photos and / or create digital images. Depending on the software, you can improve exposure, color and other attributes of your picture, paint on it, add type, apply special effects, remove noise, resize it, combine it with other pictures, prepare it for e-mail or posting on the web, output it to a printer, or do any number of other manipulations or edits.

Plug-in - A computing feature with the ability to be added to a system to give extra features or functions.

Preset - A pre-defined combination of parameters and settings that is saved into a folder within Topaz Adjust 4. Topaz provides default presets. A preview of each preset can be seen in the preset preview window located at the top left hand side of the interface above the preset list.

Preview- Shows the processed preview of the image.

RAW image - An image file format that contains untouched, "raw" pixel information straight from the digital camera's sensor. It has yet to translate the information in each pixel into the full color information, so this format offers more control over how the final JPEG or TIFF image is generated.

Reduce Blur - An de-blur function that uses deconvolution technology rather than simple sharpening techniques.

Refine – Improve (something) by making small changes to make it more subtle and accurate.

RGB - Red, Green, Blue. The color model that is used in digital cameras and by computer monitors.

Saturation - The difference of intensity within a specific hue.

Shadow - A dark area or shape produced by a body coming between the rays of light and a surface.

Sharpness - The clarity of detail in a photo.

Smoothing - To make a surface more regular or consistent; free from perceptible projections, lumps, or

Frequently Asked Questions

"I need a Topaz Adjust trial key."
Visit http://www.topazlabs.com/downloads for a trial key. Please check your Spam folder because your Spam filter sometimes filters out the automated email.

If you need more time to evaluate, please contact us at: www.topazlabs.com/support for an extended trial key.

"I can't find Topaz Adjust in the Photoshop Filters menu."

For Windows:
Please go to your preferences menu in Photoshop and select Plug-ins. Check / enable the Additional Plug-ins Folder option then click Choose. After that, please navigate to: C: \ Program Files and select the Topaz Labs folder. Then click Choose (or it may say Save / OK) to save this back to Photoshop. Back in Photoshop click OK to save your changes, then restart Photoshop. Once Photoshop opens, go to your Filter menu and you should be able to access Topaz.

For Mac:
Please go to your preferences menu in Photoshop and select Plug-ins. Check / enable the Additional Plug-ins Folder option then click Choose. After that, please navigate to: Macintosh HD -> Library -> Application Support and select the Topaz Labs folder. Then click save / OK to save this back to Photoshop. Back in Photoshop click OK to save your changes, then restart Photoshop. Once Photoshop opens, go to your Filter menu and you should be able to access Topaz.

"Do you have any other Adjust tutorials?"
Yes, please see pages 44, 50 and 60 of this Topaz Adjust user guide, and also visit: http://www.topazlabs.com/tutorials/adjust

"I do not have Photoshop, will Adjust work with my Elements, Aperture, Lightroom, iPhoto Paint Shop Pro, Photo Impact or Irfanview?"
Yes, you can use Topaz Adjust with any of the above host programs. However, to use Adjust in Aperture, Lightroom or iPhoto, you will need to download the free Topaz Fusion Express plug-in. For more information please visit: www.topazlabs.com/fusion

"What are the limitations of the trial version of your software?"
The only limit on the trial versions of the Topaz plug-ins is time. The free trial versions are designed to enable you to experience the full functionality of our plug-ins for a 30-day trial period. After the trial period is up, you will only be able to use the Topaz software by purchasing it. You will then receive a license key to activate the plug-in, and the trial version will automatically become the full version with no time limitations.

"If I use the 30-day trial version will I need to uninstall the trial version before I upgrade to a full version?"
No, the Topaz trial software is designed to be unlocked to become the full version simply by entering a license key. The full license key will be e-mailed to you immediately after you purchase the software.

Frequently Asked Questions

"Where do I enter my key?"
To enter your key please open an image in Photoshop and go to Filter -> Topaz Labs -> Adjust 5 -> Menu -> Enter Key. You can then copy & paste or type in your license key and then select OK.

"I had Topaz Adjust as a trial, then I purchased. How do I enter my new license key?"
You can enter your new license key by opening up an image in Photoshop and go to Filter -> Topaz Labs -> Adjust 5 -> Menu -> Enter Key. Please remove the trial key and enter your new purchased license key, then select OK and you are all set.

"My Topaz Adjust key doesn't work!"
There are a couple of reasons why Topaz Adjust might think your upgraded key is invalid.

First, make sure that your key is in the proper format. It'll be in the format "xxxxxx-xxxxxx-xxxxxx-xxxxxx-xxxxxx" and will be all numbers in 30 digits in five groups of six (no letters).

Second, make sure that as you're entering the key there is nothing in the space beforehand. This means clicking, pressing Ctrl-A, and hitting delete to make sure that absolutely nothing is in that field before you paste in the key.

If it doesn't work when you copy and paste, try typing it out, and vice versa.

My Topaz filters are grayed out in the filter menu.
Please make sure that you are using a 8-bit or 16-bit image that is in RGB color mode. Also, if your project includes adjustment layers please make sure that you are not on an adjustment layer. You will need to select the image layer. This will allow you to access your Topaz programs.

My image looks different when brought back Photoshop (or other host editor)
Please make sure that you are viewing the image at 100% in Adjust before you press OK. At 100% view the image will look exactly how it will appear back in Ps, however if you are zoomed out it may look different.

How do I prevent haloing & noise artifacts?
Over-processing an image usually results in unwanted noise artifacts, especially in skies. To prevent this, you may want to run the image through Topaz DeNoise to clean up any noise before making edits with Adjust. Making edits to apparent high-ISO noise will only amplify that noise, so be sure to clean it up first. There is also a lighter version of Topaz DeNoise within Adjust that you may use.

You may also choose to use the brush out tool to remove artifacts that have formed from effects applied in Adjust.

I have a question not listed here.
Please visit our knowledge base online at:
http://www.topazlabs.com/support/kb/

Shortcut Keys

Topaz Adjust uses some shortcut keys to speed up your workflow. Many of these keys are similar to those in Photoshop. The following keys work at all times.

Action	MAC Shortcut	PC Shortcut
View Original Image	Spacebar	Spacebar
Zoom to Fit	CMD + 0	CTRL + 0
Zoom to 100%	CMD + Alt + 0	CTRL + Alt + 0
Zoom In	+	+
Zoom Out	-	-
Undo	CMD + Z	CTRL + Z
Redo	CMD + Shift + z	CTRL + Shift + Z
Expand/Collapse Exposure Tab	E	E
Expand/Collapse Detail Recovery Tab	D	D
Expand/Collapse Color Tab	C	C
Expand/Collpase Noise Reduction Tab	N	N
Take a Snapshot	S	S
Recalls previous Snapshot	CMD + Shift + P	CTRL + Shift + P
Recalls next Snapshot	CMD + Shift + N	CTRL + Shift + N
Apply selected preset	Enter key	Enter key
Reduce selected slider value by 0.1	[key	[key
Increase slider value by 0.1	] key	] key
Set slider value to minimum	Home key	Home key
Set slider value to maximum	End Key	End Key
Reset the slider to its default value	Double-click slider name	Double-click slider name

Mac and PC Shortcuts are the same unless indicated otherwise.

Connect with Topaz

Follow us on Twitter (@topazlabs) for notifications of recent news and easily get in touch with us whenever you feel like it!

Find us on our Facebook page and network with other Topaz users!

Participate in the entirely user-led Topaz Flickr group for a helpful and highly active community for Topaz Photoshop plug-ins!

Subscribe to our YouTube channel to keep up with any newly released product video tutorials!

Check out our blog for tutorials, tips and updates from Topaz Labs!

And don't forget to check out our other social media outlets including: Instagram (@topazlabs), Pinterest, LinkedIn and Google+!

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Email: help@topazlabs.com

Topaz Labs LLC, a privately owned company headquartered in Dallas, Texas, focuses on developing advanced image enhancement technology. With today's widespread use of digital still cameras, the need for high-quality digital images has greatly increased. Topaz Labs' mission is to bring practical state-of-the-art image enhancement technology to both professionals and consumers.

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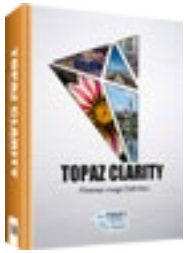
Be sure to check out the complete line-up of Topaz products.

Image Plug-ins

Ultimate control over image exposure, detail, and color gives you the power to make your photos pop.

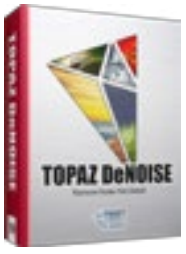
Develop unique and compelling photography with the most technologically advanced software available.



Create powerful photos & flawless image definition. Intelligently and dynamically enhance image contrast.

Specializes in creating crisp and stylized images. Also features extensive smoothing capabilities.

Advanced JPEG artifact reduction filters eliminate JPEG compression artifacts while preserving image detail like never before.



Advanced high-ISO noise reduction technology that eliminates noise while effortlessly maximizing and retaining image detail.

Output & creative sharpening with three levels of intricate and specific detail enhancement.

The superior capture-sharpening solution that actually recovers lost detail and refines with micro-contrast detail enhancement.

Your virtual camera bag of effects simulated from real lenses and filters. Effects include creamy bokeh, old school filters and more!

Remove unwanted backgrounds from your digital images quickly and easily with ReMask.

Expand your creativity alter your image's look by applying one of over a thousand color filters.

Transform your regular photo into a beautiful work of art, such as an oil painting, watercolor, line & ink drawing and more!

Create beautifully rendered and natural lighting effects in seconds!

Our standalone editor that is a one stop workshop for accessing all of your Topaz plugins. Can also work as an external editor (replacing Fusion).

Our free external editor required to use Topaz Labs in Lightroom, iPhoto and Aperture. PhotoFXlab can be used in its place as the external editor.

TOPAZ LABS

Go to topazlabs.com/downloads to get your 30-day free trial!